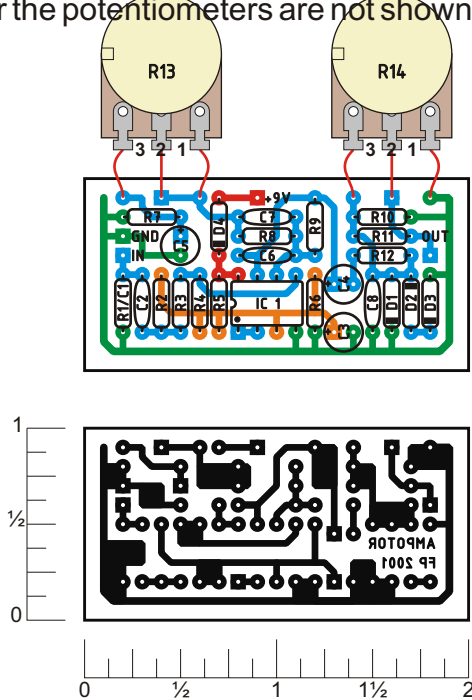


This board can be populated to become any of three circuits: MXR MicroAmp, MXR Distortion+ or DOD Overdrive 250. It also provides support for asymmetrical clipping. Off board components except for the potentiometers are not shown on the layout. Trademarks are property of their owners.



MICROAMP PARTS LIST

Resistors

R1 - 22M
R2 - 10M
R3 - 1k
R4 - nothing
R5 - 100k
R6 - 100k
R7 - nothing
R8 - 2k7
R9 - 56k
R10 - 10k
R11 - jumper
R12 - 470

Potentiometers

R13 - 500k Rev. Log
R14 - nothing

Capacitors

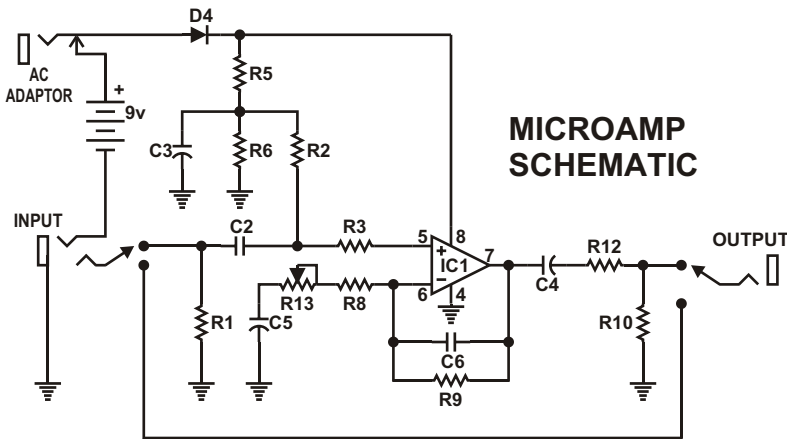
C1 - nothing
C2 - 0.01 μ F
C3 - 1 μ F
C4 - 15 μ F
C5 - 4.7 μ F
C6 - 50pF
C7 - nothing
C8 - nothing

Diodes

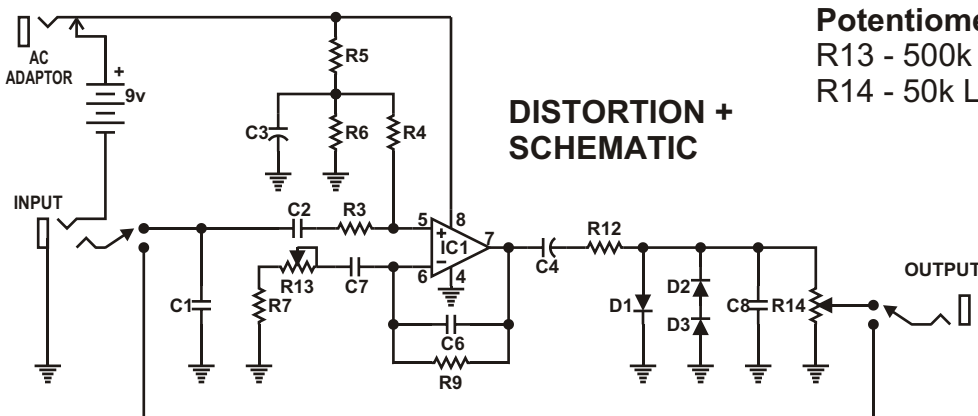
D1 - nothing
D2 - nothing
D3 - nothing
D4 - 1N270

ICs

IC1 - 4558



**MICROAMP
SCHEMATIC**



**DISTORTION +
SCHEMATIC**

DISTORTION + PARTS LIST

Resistors

R1 - nothing
R2 - nothing
R3 - 10k
R4 - 1M
R5 - 1M
R6 - 1M
R7 - 4k7
R8 - nothing
R9 - 1M
R10 - nothing
R11 - nothing
R12 - 10k

Potentiometers

R13 - 500k Rev. Log
R14 - 50k Log

Capacitors

C1 - 0.001 μ F
C2 - 0.01 μ F
C3 - 1 μ F
C4 - 1 μ F
C5 - nothing
C6 - 10 pF
C7 - 0.047 μ F
C8 - 0.001

Diodes

D1 - 1N914
D2 - 1N914
D3 - jumper
D4 - jumper

ICs

IC1 - 4558

NOTES:

The original Dist+ used 500k RevLog and 50k Log pots for "distortion" and "volume" controls respectively. An advisable mod is to use 100k Log for "volume" control. (Thanks for the tip FretWire)